Did I convince you?

- Yes
- No

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The SCIENCE! of Icewings

dragondrawing333

I posted a reply to you Rexy, but i'm not sure it will come through, so i'm going to wrap it up in this sentence: How is it that the phrase *dragon soup*wigs you out, but me talking about wasp larva eating their way out of a live catapillar is completely fine?

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

vanilladragon282

@SCIENCE!!! Ah... I dunno? It just *does*. Oh, and it's a creature liquefying itself.

1

~+Rexy+~

Queen of all things Jurassic Park and anime related
Status: Semi-Active

#RememberHurricane
#LGBTQ+

LunaStar, *Gulfstream*, *Violet* ~*Forum Sis*

OC's:

Aquila/Zeus
Crocodile
Python
Cactus
Kuchikori
Borealis
Prismatic
Souleater
Myscelia Ethusa
Mendica
Hornet

The SCIENCE! of Icewings

dragonlynx3311

Two things for scientist:
1: Yes my friends, it's true: a rebuttal!
I, personally, would like to point out: Queen wasp stabbing the eggs probably comes from a very different, and in my opinion MUCH grosser insect. There is a type of wasp (I think it's a wasp but it could be something else) that (HIGH DANGER OF VOMIT) paralyzes a larger insect, like a cockroach, and takes it to its den, upon which it (wait for it) INJECTS A NEUROTOXIN INTO ITS **BRAIN** SO THAT IT..... you don't want to know the rest. ANYWAY, the term "hive mind" does actually exist and I am doing research on it. I believe that Queen wasp's hive mind is a form of dormant neurotoxin, like with that other insect I mentioned. It could be that the white eyes are only a symptom of the toxin. Also, there is the point that Queen wasp actually sees, speaks and acts through the controlled hivewings, which is completely different from any other insect toxin.
2: Can you do the SCIENCE!!! Of hivewing evolution? I mean, if clearsight and a silkwings mate, that doesn't immediately mean hornet wings, right?

side note:I have read the fog diver

2

#TheForumsNeedMoreMoonbli

#Qinterwatcher
#Clearmoonstalker

#Sunflightspeaker
Yeah, it's totally me... OR IS IT
<)Wilderness(>

ME CALM DOWN?! YOU NEED TO UN-CALM DOWN! YOU NEED TO RAMP ALL THE WAY UP TO FREAKING OUT RIGHT NOW!-kinkajou

The SCIENCE! of Icewings

dragondrawing333

The Science!!! Of Seawing Water Breathing

The Seawings of the *Wings of Fire* book series are very interesting, and make a *great* case study for several different biological phenomena, as I'm about to illustrate with this deceptively simple question: "How do the Seawings breathe underwater?"

The Seawings have gills on the sides of their necks, a trait they obviously share with fish, then, our real questions are: "How do fish breathe underwater? Would that work for a large animal such as the Seawing?" And finally "How can the Seawing breathe in both Air, and water?"

To edge ourselves into this topic, let's start with the question I asked myself whilst writing this: "Why do *we* need to breathe? Why can't we just hold our breath indefinitely?"

It (apparently) has to do with how organisms produce energy, we do this with the food we consume, which, when digested, is turned into complex molecules like glucose, which our bodies use for energy. *Except*, it's not the only thing needed in the production of energy, to get the energy from the glucose, it has to *react* with oxygen, which is received by *breathing*.

Now that we understand why organisms need a regular intake of oxygen, now we need to figure out *how* fish get that regular intake.

Fish gills are quite similar to human lungs in the way they function. In the lungs there are tiny sacs called *alveoli* that are 70% capillaries, capillaries pump deoxygenated blood from the body to the lungs where oxygen and carbon dioxide are exchanged, the carbon dioxide being "breathed" out, and the oxygen being sent VIA blood, to the body's cells. Gills have many layered rows of cells called epithelium, which receives deoxygenated blood from the heart by arteries. The fish allows water to flow over the epithelium structure, the dissolved oxygen in the water is exchanged for any carbon dioxide in the blood by the epithelium and is transported to the rest of the body by blood vessels and veins. Most fish have four gills on either side of their bodies, and are structured in such a way that the gills have a very large surface area by which to collect oxygen, at least, in water.

Which transitions me into my next question: "How can Seawings breathe in both air and water?"

Most fish will suffocate when brought out of the water because of the way their gills are structured. Gills work amazingly well in water, where they are allowed to float freely and spread out and have a high surface area, when you pull a fish out of the water though, its gill flaps collapse on top of one another and the surface area of the gills decreases by a large amount, suffocating the fish.

There are some fish that can survive out of the water for extended periods though, meet the *Climbing Perch* (*Anabas testudineus*) the most awesome fish *ever!* This incredible freak of nature is found in Southeast Asia, it can survive in both fresh and salt water, oh, and did I mention that this fish has a tendency to *climb trees and choke birds to death!* You read that right, the Climbing Perch is famous for its ability to survive six days out of the water, hibernate for six months in muddy environments, traverse dry land, climb trees, and kill birds and other fish. It has both gills, for breathing under the water, and lungs like a humans, for breathing everywhere else. Mother Nature isn't as kind and caring as we'd all like to believe, she makes ninja assassin fish that kill birds on sight.

Putting aside the fact that I am now super scared of fish (I don't want to be strangled in my sleep), this proves it is at least possible for a fish to breathe both in air and water, at least for a significant amount of time, meaning Seawings probably have both gills and lungs that they can switch between for all their oxygenating needs.

We're left with only one remaining question "Would gills extract enough oxygen from the water to keep the Seawing alive?" This is really simple to answer. Yes.

Should I elaborate? Okay. Meet *Rhincodon typus*, more commonly known as the *Whale Shark,* a gentle giant weighing 20.6 tons and measuring 18-32.8 feet in length, as long, if not longer than most school buses! This creature is a fish, despite its misleading name, breathing through gills on its sides, and while it is almost half the length I calculated (I'm assuming that all the dragon tribes are roughly around the same size, because there is no reason to believe otherwise) for Smolder in a previous SCIENCE!!! Paper, where I found him to be around 60 feet in length and 20 feet in height, the Seawing's gills, if scaled up to the appropriate size, *would* function just as well as the Whale Shark's.

After assessing all the evidence, I am *ecstatic* to say that the Seawings are completely plausible (Chough! Taking into account that this is a fantasy world and that it deserves a little wiggle room because I want to believe in dragons. Chough!)

1

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

dragondrawing333

Rexy- I'm laughing so hard right now.
Wilderness- 1. Yes, I DO want to know! That's not very gross, escpecially after seeing pictures of those poor, poor caterpillars. That is a possibility.
2. I want to, but i have no idea how i would do it, i could try putting their characteristics into a punnet square, but i don't know how to replicate that throughout countless generations. if i figure something out, i'll let you know, but as of now, it probably won't happen

0

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The SCIENCE! of Icewings

historyexamining1

@Scientist

Hey Scientist! I really like your scientific posts, and have a question for you.. is it alright if we could work together on a SCIENCE!!! of dragon* flight?

*regardless of myth, just winged

2

∞~~Requiem/Legacy~~∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

vampiredragon5226

They fly like bats fly.

0

^¥Ash Spawn¥^
He/Him

Slitherin
Forum Family: Zane, Ruby

What some call sands of time, I call the ashes of age.
Afterall, that's what'll be left behind in the end, ashes.

The SCIENCE! of Icewings

historyexamining1

@Brine

(I'm sorry if this sounds rude, I do not mean it in any way, I just have a hard time with intent)

That's a pretty good summary for leathery-winged dragons. Rather, I'm curious on explaining how a large archosaur-aesthetic creature can fly, even when being sixty feet in length.

0

∞Requiem/Legacy∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
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"Raise a glass to freedom"

The SCIENCE! of Icewings

vampiredragon5226

Oh, well then my theory is that they evolved either hollow bones, or they evolved their wings and legs(you know for launching) to become super strong so that they wouldn't get off balance while jumping in the air to fly.

1

^¥Ash Spawn¥^
He/Him

Slitherin
Forum Family: Zane, Ruby

What some call sands of time, I call the ashes of age.
Afterall, that's what'll be left behind in the end, ashes.

The SCIENCE! of Icewings

historyexamining1

@Brine

I agree with you, especislly if you read about how dermal denticles (shark scales) not only increase speed, but also increase *lift*!

0

~~∞Requiem/Legacy∞~~
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
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"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

dragondrawing333

@Legacy- Of course id love to (Collaborate?)! But how would you like to do that? Would you want to do the work on a seperate thread? And how comfortable are you with areodynamical equations? Cause i havwe no knowledge of the subject, and am curently trying to find any relable sorces of information.

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

historyexamining1

(Phil has yet to release my post, I'll give him a bit more time until I try again. I'm sorry for the delay)

0

∞~~Requiem/Legacy~~∞

"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

historyexamining1

It is up!

/352474

0

∞Requiem/Legacy∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

historyexamining1

(Haha if my thread doesn't come through, I'll shriek at Phil)

0

∞Requiem/Legacy∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

historyexamining1

@Scientist!!!

Sure, I'd love to make a new thread! *Shudders on aerodynamical equations* I'm still practicing with them (they're scary little creatures), but I got all the possible biological solutions down.

0

∞~~Requiem/Legacy~~∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

dragondrawing333

Sorry i haven't checked it out yet! I might have to wait until tomorrow to do any research, i have a **lot** of school work to do, just hang in there!

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

dragondrawing333

We should probably narrow it down to a single dragon, preferably a WoF dragon because i've already calculated the dimensions of the Sandwing Smolder, who ended up being around sixty feet long and twenty feet tall. We will need to find his weigh, *somehow.* i'm open to suggestions?

0

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The SCIENCE! of Icewings

historyexamining1

@Scientist!!

A Spinosaurus was 54 ft I believe, and 18,00's pounds. I'm guessing Smolder's 20,000?

0

~~∞Requiem/Legacy∞~~
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

dragondrawing333

But then (We, you, I?) would have to subtract most of the bone mass from that, the dragons most likely have hollow and very light bones.

0

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The SCIENCE! of Icewings

historyexamining1

@Scientist!!!

Yes, they'll probably be hollow since it's both lighter *and* stronger, thus explaining why dragon bones are diamond hard, as quoted by Tsunami. I'll try to research the bone mass of pteranodons and large raptors (as in the bird of prey).

1

∞~~Requiem/Legacy~~∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"

"Raise a glass to freedom"

The SCIENCE! of Icewings

historyexamining1

Eagle bones weigh around 5%-6% of their body. Smolder has a tail and front legs amongst other things, so my guess right now is 10%-11&? I'll keep working on it.

1

∞~~Requiem/Legacy~~∞
"Teach me how to say goodbye"
"Rise up! Rise up! Rise up! Eliza!"
"My love, take your time"
"I'll see you on the other side"
"Raise a glass to freedom"

The SCIENCE! of Icewings

vanilladragon282

Boop

0

~+Rexy+~

Queen of all things Jurassic Park and anime related
Status: Semi-Active

#RememberHurricane
#LGBTQ+

LunaStar, *Gulfstream*, *Violet* ~*Forum Sis*

OC's:

Aquila/Zeus
Crocodile
Python
Cactus
Kuchikori
Borealis
Prismatic
Souleater
Myscelia Ethusa
Mendica
Hornet

The SCIENCE! of Icewings

dragondrawing333

Sorry, i've been doing schoolwork near nonstop these past few days. I should get back on schedual soon. Hopefully.

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

dragondrawing333

The Science!!! Of Hivewing powers

‘Abilities: vary from dragon to dragon; examples include deadly stingers that can extend from the wrists to stab their enemies; venom in their teeth and claws; a paralyzing toxin that can immobilize their prey; or boiling acid sprayed from a stinger on their tails.’ – *The Hive Queen*

The Hivewings from the *Wings of Fire* books series are based off of Wasps, bees, and Hornets (Duh) and thus have a range of interesting, and odd abilities that seem to make no sense, I mean, *Spraying Acid?!* Well, what if I told you they make *perfect* sense?

I am going to explain what powers fit to which insect, how they work, and why.

Starting with the deadly stingers, we *already* have a problem, it is never specified if the stingers are deadly because of their effectiveness as stabbing weapons, or if they’re deadly because they inject a venom into their victims. Thankfully the assumption we have to make for this isn’t that big, these dragons are based off of wasps, and wasps inject a venom comprised of Phospholipase A, Phospholipase B, Alarm Pheromones, Hyaluronidase, Serotonin, Histamine, Wasp Kinin, Acetycholine, and Noradrenaline into their victims blood stream where enzymes in the venom breakdown the cellular membranes of affected cells, spilling cytoplasm and organelles into the blood stream. Ouch. To extend the pain even more, norepinephrine, another component of wasp venom, helps stop the flow of blood, so that the venom lingers longer, until the blood flow returns and dilutes the venom. Not exactly deadly, but certainly *very* painful.

Next we have the paralyzing toxin, which is something I’ve been curious about since *The Lost Continent*, but never really looked too deeply into, until now. The cool thing about wasp venom, aside from the cell destroying properties it displays, is that it has two different uses, defensively, like when a wasp stings an aggressor, and offensively, like when a wasp stings prey. Despite what *The Hive Queen* would have you believe, wasps are not carnivorous, the adults eat exclusively nectar and pollen, they only hunt to feed their larva. They do this by injecting their venom into spiders, tarantulas, caterpillars, and other insects, which paralyzes them, they then carry the doomed insect or arachnid to their hive, where they then lay their eggs, which, when they hatch, feast on the live bug. At least *they* are *classy* and don’t inject their eggs into their victim. Looking at you *Glyptapanteles*.

Boiling acid spray from a stinger on the tail, that sounds absolutely **terrifying!** But also super familiar… where have I heard that before... Aha! *Eureka*! In my first ever SCIENCE paper *The Science!!! Of Icewings*, I used the Bombardier beetle as an example of a creature in our real world that utilized biochemistry as a weapon against its foes. For those of you who need a refresher, or just didn’t read it, the Bombardier beetle is a terrifying monstrosity of an insect, that, when provoked, will shoot boiling chemicals (close enough to acid) from its abdomen at the unfortunate critter who ended up in the crossfire. It does this by compressing two sacks in its abdomen that are storing hydroquinone and hydrogen peroxide, two chemicals that, when reacted, produce heat.

The last one (for now) is one that wasn’t mentioned in the list found in the Hivewing abilities section (meaning that we’re likely to encounter more strange and dangerous abilities from the Hivewings), we’re talking about Lady Scarab’s ability to excrete a noxious smell (For those of you who haven’t read The Hive Queen, no, that wasn’t a joke). Lady Scarab, in *The Hive Queen* page 173, in self-defense, emits, as it is described: “like dead rotten things pickled in sulfur” This is very obviously a nod to the Stinkbug and it’s… Well, stink. What is probably less obvious is what that stink is, and what it is, is a mixture of the aldehydes trans-2-decenal and trans-2-octenal, two ingredients commonly found in food to add flavor and aroma, think about ***that*** next time you’re eating (Something. I couldn’t actually find any food products that contained either Trans-2-deceal or Trans-2-octenal. Figures. Of course food producers don’t want you to know what’s *really* in their products.) The noxious mixture of chemicals is released through holes in the abdomen when the Stinkbug is threatened.

Finally I’ve finished this, I am free to try and work on some other paper, Sorry it took so long to get out, I’ve been working on school almost nonstop for the past few days.

SCIENTIST!!! **(nickname)**

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The SCIENCE! of Icewings

dragondrawing333

Poke.

☆ 0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

vampiredragon5226

I'm still here!

☆ 1

^¥Ash Spawn¥^
He/Him

Slitherin
Forum Family: Zane, Ruby

What some call sands of time, I call the ashes of age.
Afterall, that's what'll be left behind in the end, ashes.

The SCIENCE! of Icewings

dragondrawing333

Yay! If you need something to read before i post another SCIENCE!!! paper, i am doing/did, depending on when you're reading this, a scientific collaboration with Legacy at /352474.

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

rainwings328

A SCIENCE!!! question:

How does Peril (or other dragons born as twin SkyWings) not die of all that heat in their body? Also, how can Clay (and other MudWings born in blood red eggs) be healed quicker when being touched by fire?

~~*phoe|nix.*~~

0

~~i am~~ the

~~*phøe|ñix.*~~

•She/Her.
•FanWing4Ever.
•Forum Brothers- Domino, Zane, Cobra.
•Forum Sisters- Kaleidoscope, Kitsune, Jacquelyn.
•Forum Twin- M.N.
•Member of the “Forums Need to Stay” Campaign.

The SCIENCE! of Icewings

dragondrawing333

Phoenix... *not* Phoenix?- I don't know, i don't think it is possible, I did a paper on *The Science!!! of Peril*, where i found her temprature to be somewhere between 1,221-1,517 degrees Fahrenheit, but i still couldn't find anyway for Peril to *not* be a pile of ash on the floor. I (think I) covered you're Mudwing question in *The Science!!! of Mudwing Fire-Resistance*, but i might be interpriting your question wrong.

0

SCIENTIST!!! **(nickname)**

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The SCIENCE! of Icewings

dragondrawing333

The Science!!! Of Jaws

Dun-Dun

Dun-Dun

Dun dun dun dun dun dun dun dun

I don't even need to add any context to those three lines and you already know what I'm referencing. Jaws.

I really don't need to give any context here, with how famous the Jaws story is, whether you've read, or watched it, but, if any of you are like me and *do* need context because you try your *very hardest* to avoid horror movies: A giant great white shark is terrorizing Amity Island, a fictional island off the coast of Massachusets where Jaws 1,2, and 4 take place, the sheriff of the town, Martin Brody, is desperately trying to close the beaches, but the Mayor, Larry Vaughn, keeps the beaches open, because the island relies on the tourists its beaches attract, for its economy, resulting in three extra deaths. And we call the *shark* the monster (In my *very* professional notes, I have written down, "The Mayor should have been eaten").

Anyway, I'm here to try and figure out why Bruce (The shark from Jaws, who I *thought* was named Jaws for the longest time) ate all those people, and yeah, there is an actual reason, he's not just the shark version of Michael Myers.

I'm going to attempt to explain why Bruce attacks, and what the victim should have done differently to avoid death. It has been a long time since I've seen Jaws so I relied on "Jaws Death Count" videos on Youtube for all the death scenes, so if I missed any, blame Youtube.

The first death, and probably the most disturbing death, is Charisse Watkins. She was taking a swim at the beach with her (boyfriend?) watching, seemingly around Sunset or a little later. Bruce drags her around at the surface for an *excruciating* amount of time, I'm not sure if the Director planned it this way, but the way, and the amount of screaming, sobbing, and begging she does before the shark finally, FINALLY drags her under is borderline traumatizing. I've never rooted for a shark to eat someone before watching that clip, where I was practically screaming at the screen "Just EAT her already, stop playing with your food!"

Why did Bruce attack? It was a case of mistaken identity. Sharks hunt mainly around dusk and dawn, so Bruce was already hunting, the darkness also makes it much easier for the shark to mistake humans for its favorite prey, the way the camera, presumably supposed to be from the shark's point of view, slowly creeps up to Charisse, and doesn't rush her, makes it a possibility that Bruce was taking an inquisitive bite. Shark's don't have hands (Duh) to feel their environments with like we humans do, so when a shark becomes curious about something, whether it be living or not, they will sometimes, but not always take a questioning bite "What is this weird thing? Is it food? Am I supposed to eat it?" This is actually what most shark "attacks" are, the shark is just trying to figure out what you are, and if you can be eaten, after this inquisitive bite, most sharks will let go and swim off, after realizing:
"EEEEEEEEEEEEEEWWWWWWWWWWWW I just bit a HUMAN!
AAAAAAAAAAUUUUUUUUUUGGGGGGGHHH!!!! It tastes disgusting!"

The second death is Alex Kintner, a little kid on a paddleboard. Bruce is swimming among the legs of a significant amount of beachgoers, in the day this time, right off the shore, when he spots Alex on his paddle board, sinks his teeth into Alex's right calf, and drags him under. Why did Bruce dine on Alex specifically when he had his choice of delicious human limbs? Mistaken Identity again. From under the water, with a sharks very poor eyesight, a human on a paddleboard looks like a sea turtle, which sharks frequently eat in the wild, it also probably didn't help that Alex was relatively small, making him an easy target. As for why he didn't chomp down on anyone else, sharks, generally, when presented with a human, is more likely to swim away than to so much as approach, much less attack, when sharks do come closer, there is usually some other factor at play, maybe they have an open wound that is intriguing the shark, or maybe they are making a big commotion, attracting the sharks attention.

The next death was an unnamed character who I'm going to call Bob. Bob is sitting in a small dingy when Bruce rams it and sends Bob into the water, where he is then devoured. Why would Bruce attack a boat? I… Don't know, this *does* happen in real life, but doesn't usually result in anyone knocked overboard being eaten.

The last death was definitely the second most disturbing. Bruce gets himself on the rear of the boat, tilting, and eventually sinking, the whole boat, as the ship tilts, Quint, a fishermen, falls into it's mouth, where he is then *very graphically* chomped, and then eaten, accompanying a very disturbing crunching sound. This is movie logic. Or is it?

In 1916, in a matter of twelve days there were 5 shark attacks along the New Jersey Shore, four fatal, all attacks committed by the same shark. The number of bathers coming to the beach dropped by 75%, merchants that relied on those tourists lost, collectively, a quarter of a million dollars. Armed men patrolled the coast in boats, and towns and individuals started offering rewards for each shark killed. Two fishermen, Jhon Murphy and Michael Schleisser went out to do their normal fishing, they sent out a six foot long trawling net and spent the next hour trawling, until the small boat slammed to a stop, the engine stalled, The boat started rocketing backwards ,being pulled by the net, *and* sinking! A Great White sharks head shot out of the water and stranded itself, snapping its jaws and writhing, on the stern of the boat, Michael took a broken oar he had on board, and bludgeoned the shark to death. If this sounds like the plot for the original Jaws, then you would be *not wrong*, the book the Jaws movie was based off of, was in itself based off the Jersey Shore shark attacks.

With this revelation, the behavior of Bruce starts to make a lot of sense, he would be known as something called a *Rouge Shark*.

In 1933 Dr. Sir Victor Coppleson coined the term Rouge Shark when he was looking at the Jersey Shore shark attacks, a Rouge shark is a shark that has developed an unnatural taste for human flesh and will ignore its normal prey in favor for a tasty, tasty human. It is believed that the Great white shark that attacked the two fishermen was the same shark that killed the four victims, and mauled the other, because of the fifteen lbs of human flesh and bones that were found in its stomach, was a Rouge shark. I do want to point out that this is just a theory, and not all scientists support it, but it is what we need to explain the human eating behavior of Bruce the shark.

There you go, all the death and carnage on Amity Island was due to a combination of mistaken identity, and Bruce being a Rouge shark. Also the stupid, greedy Mayor. I still want to see him get eaten.

SCIENTIST!!! (nickname)

There are equal amounts of bacteria in and on your body, as there are cells in your body, meaning that *you* are not just your cells, *you* are an **amalgamate** of creatures that form together to create *you*.

The SCIENCE! of Icewings

dragondrawing333

Knock-Knock. Hello? Anyone there?

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SCIENTIST!!! (nickname)

There are equal amounts of bacteria in and on your body, as there are cells in your body, meaning that *you* are not just your cells, *you* are an **amalgamate** of creatures that form together to create *you*.

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